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Application Number	09/975,650			
Filing Date	10/11/2001			
First Named Inventor	ZHANG, et al			
Group Art Unit				
Examiner Name				
Attorney Docket Number	ORT-1518			

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Initials*	No.1	publisher, city and/or country where published	•
IIIIIais	2	ACS, G., et al, "{3H} Resiniferatoxin binding by the human vanilloid (capsaicin) recepor", Molecular Brain	
	٠	Research 1994 23:185-190	
	3	BEVAN, S., et al, "Sensory neuron-specific actions of capsaicin: mechanisms and applications," Trends	
~ '	٠	Pharmacolo. Sci. 1990 11:330-333	
	4	BEVAN, S., et al., "Capsazepine: a competitive antagonist of the sensory neuron excitant capsaicin," British	
	7	Journal Pharmacolo. 1992 107:544-552	
	5	CATERINA, M. J., et al. "The capsaicin receptor: a heat-activated ion channel in the pain pathway," Nature	,
	١	1997 389:816-824	
	6	SZALLASI, A., et al., "Specific binding of resiniferatoxin, an ultrapotent capsaicin analog, by dorsal root	
	٠	ganglion membranes," Brain Research 1990 524:106-111	
$\vdash \alpha \vdash$	-, -	SZALLASI, A., et al., "{3H} resiniferatoxin binding by the vanilloid receptor: species-related differences,	
		effects of temperature and sulfhydryl reagents," Naunyn-Schmiedeberg's Archives of Pharmacology," 1993	
		347:84-91	
	8	SZALLASI, A., et al., "Proton inhibition of {3H} resiniferatoxin binding to vanilloid (capsaicin) receptors in rat	
4/-	٠	spinal cord," Molecular Pharmacology 1995 289:181-187	
	9	SZALLASI, A., et al., "Characterization by {3H} resiniferatoxin binding of a human vanilloid (capsaicin)	
	-	receptor in post-mortem spinal cord," Neuroscience Letters 1994 165:101-104	
	10	SZALLASI, A., et al., "Competitive inhibition by capsazepine of {3H} resiniferatoxin binding to central (spinal	
(1-)		cord and dorsal root ganglia) and Peripheral (urinary bladder and Airways) vanilloid (capsaicin) receptors in	
		the Rat," Journal Pharmacol. Exp. Ther. 1993 267:728-33	
	71	SZALLASI, A., et al., "Vanilloid (capsaicin) receptors in the rat: distribution in the brain, regional differences	
		in the spinal cord, axonal transport to the periphery, and depletion by systemic vanilloid treatment," Brain	
-		Research 1995 703:175-183	
	12	SZOLCSANYI, J., "Capsaicin-sensitive sensory nerve terminals with local and systemic efferent functions:	
10 1		facts and scopes of an unorthodox neuroregulatory mechanism", Progress in Brain Research 1996 113:343-	
		359	
	13	SZOLCSANYI, J., "Actions of capsaicin on sensory receptors," Capsaicin in the study of pain 1993 J.N.	
		Wood, ed.: Academic, London, UK pp. 1-26	
9 /	14	SZOLCSANYI, J., et al., "Resiniferatoxin: an ultrapotent neurotoxin of capsaicin-sensitive primary afferent	
	• •	neurons," Annual N.Y. Academy of Sciences, 1991 632:473-475	
	715	TOMINAGA, M., et al., "The cloned capsaicin receptor integrates multiple pain-producing stimuli," Neuron	
		1998 21:531-543	
	16	WOOD, J.N., et al., "Capsaicin-induced ion fluxes in dorsal root ganglion cells in culture," Journal of	
		Neuroscience 1988 8:3208-3220	
	17	Genbank Accession# NM 018727, Homo Sapiens Vanilloid receptor subtype 1 (VRI), MRNA.	
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Application Number 09/975,650 C
Filing Date October 11, 2001 F
First Named Inventor Zhang et al Group Art Unit 1645
Examiner Name
Attorney Docket Number ORT-1518

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First Named Inventor	Zhang et al
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Attorney Docket Number	ORT-1518

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